



## **CITY OF HAYWARD**

### **AGENDA REPORT**

AGENDA DATE 09/19/00

AGENDA ITEM 2

WORK SESSION ITEM           

**TO:** Mayor and City Council

**FROM:** Director of Public Works

**SUBJECT:** Water Pollution Control Facility Outdoor Lighting System Replacement Project - Award of Construction Contract

#### **RECOMMENDATION:**

It is recommended that the City Council:

1. Approve Addenda Nos. 1 and 2, which make minor revisions to the plans and specifications, and
2. Award the construction contract for the Water Pollution Control Facility (WPCF) Outdoor Lighting System Replacement Project to lowest bidder, Tennyson Electric, Inc., in the amount of \$345,650.

#### **BACKGROUND:**

Operation of the WPCF is conducted 24-hours-a-day. The evening and night shifts are each staffed by two employees. To provide security and safe passage during the evening and night hours, it is essential that the entire facility be adequately illuminated. An exterior lighting audit performed at the WPCF revealed that many areas throughout the facility have inadequate lighting. The existing lighting fixtures in these areas were installed in the early 1950s and, as a result, are worn and antiquated. Most of the underground conduits and wiring have also deteriorated beyond repair.

The long-term solution to correcting the lighting deficiencies is to replace all the old, worn fixtures and underground conduits, and upgrade the remaining system where needed. This project will upgrade seven electrical control systems and replace or install approximately forty-five lighting fixtures and poles. The project also includes installing electrical conduits and conductors, and reconditioning fixtures.

On July 25, 2000, the City Council approved the plans and specifications for the subject project and called for bids to be received on August 29, 2000. Two bids were received, one at \$345,650 and the second at \$496,505.80. The low bid, submitted by Tennyson Electric, Inc. of Livermore, in the amount of \$345,650, was \$43,350 or 14.3 percent above the original Engineer's Estimate of \$302,300. In re-examining the Engineer's Estimate, the consultant

reported that the cost for the temporary lighting system work was not included until addendum No. 1 was issued during bidding phase. Based on their revised estimate and the lowest bids, the consultant has determined that the low bid is reflective of the cost to do the work.

The Addenda containing clarifications to the plans and specifications, was issued primarily to respond to questions raised during the advertisement period.

The combined Disadvantaged Business Enterprise (DBE) and Women Owned Business Enterprise (WBE) goal for this project was set at 5 percent. The lowest bidder, Tennyson Electric, Inc. , attained 5.85 percent DBE/WBE participation. The next lowest bidder also attained the established DBE/WBE goal.

#### Environmental Review:

This facility upgrade project is statutorily exempt from environmental review under the California Environmental Quality Act (CEQA). The Public Resource states that CEQA does not apply to any project consisting of the operation, repair, maintenance, or minor alteration off existing public structures involving negligible or no expansion of use beyond that previous existing.

#### Project Cost:

Design & Survey	\$25,000
Construction Cost	\$345,650
Inspection & Administration	<u>\$19,350</u>
Total:	<b>\$390,000</b>

#### Funding:

A total of \$315,000 has been appropriated in the Water Pollution Control Facility Replacement Fund for this project in the fiscal year 2000/01. As indicated at the time of Council's approval to call for bids, an additional cost of \$75,000 is necessary to award this project. However, there are sufficient savings in other on-going projects in the Water Pollution Control Facility Replacement Fund to cover the cost of this project. Therefore no separate action by Council to appropriate funds for the project is necessary.

#### Schedule:

The following tentative schedule has been developed ffor this project:

Award Construction Contract	September 19, 2000
Begin Construction	October , 2000
Construction Completion	February , 2001

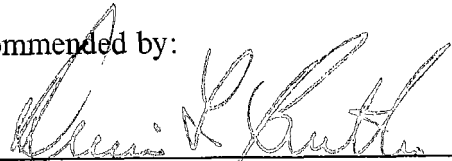
Prepared by:



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Alex Ameri, Deputy Director of Public Works

Recommended by:



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Dennis L. Butler, Director of Public Works

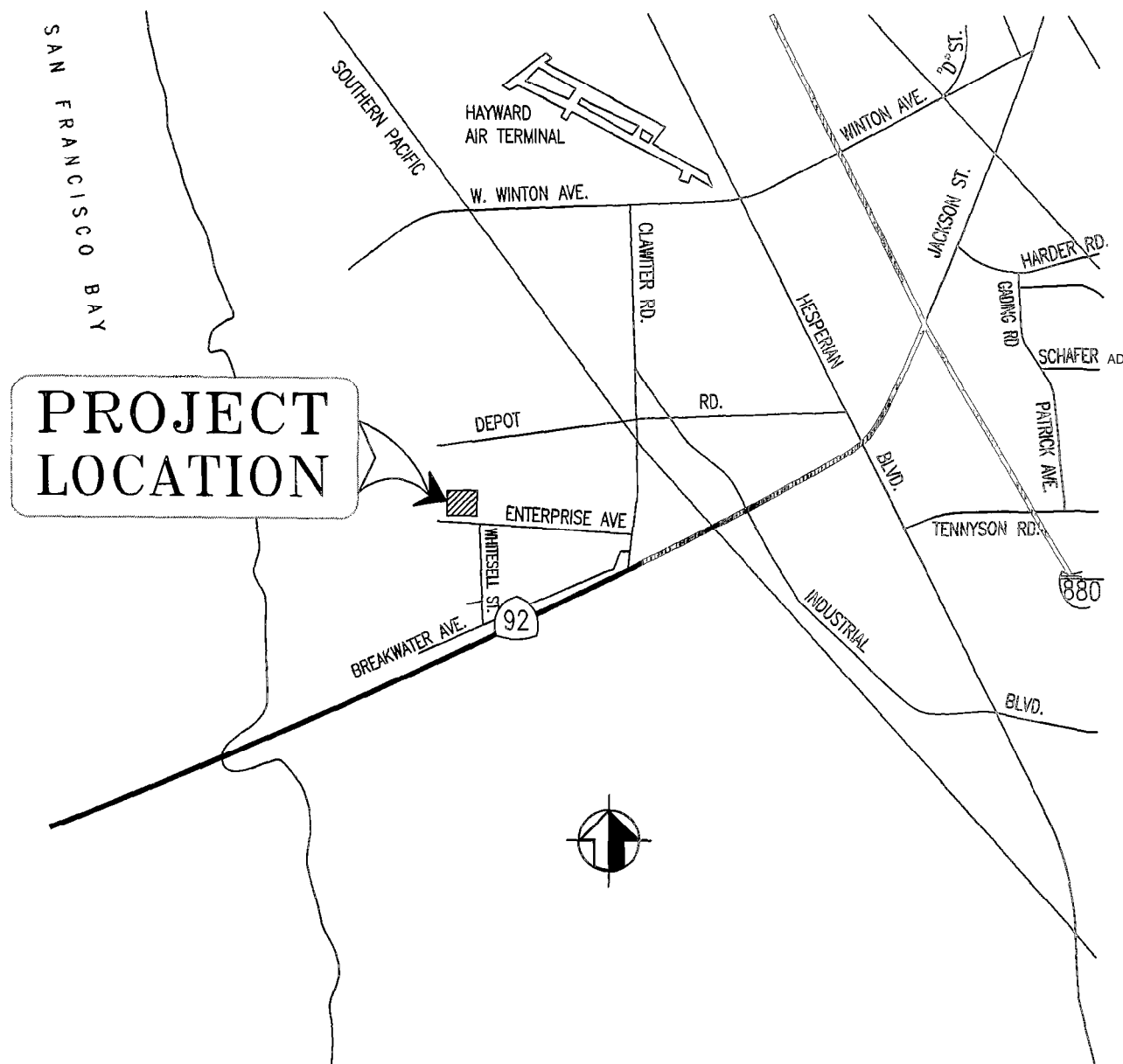
Approved by:



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Jesús Armas, City Manager

Attachments: Exhibit A - Project Location Map  
Exhibit B - Bid Summary (2 pages)



PROJECT LOCATION MAP

WPCF OUTDOOR LIGHTING SYSTEM REPLACEMENT PROJECT  
PROJECT NO. 616-7619

EXHIBIT "A"

CITY OF HAYWARD  
 WPCF OUTDOOR LIGHTING SYSTEM REPLACEMENT PROJECT  
 PROJECT NO.761 9  
 BIBS OPENED: AUGUST 29, 2000

(NUMBER OF BIDS RECEIVED - 2)

Page 1 of 2

BOB SUMMARY				ENGINEER'S ESTIMATE		TENNYSON ELECTRIC, INC. 7275 NATIONAL DR., SUITE A LIVERMORE CA 94550 (925) 606-7656		MASS ELECTRIC CONST. CO. 2976 ALVARADO ST., STE D SAN LEANDRO CA 94577 (510) 483-7094	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	34	EA	DEMOLITION OF POLE MOUNTED LIGHTING FIXTURES	200.00	6,800.00	1,200.00	40,800.00	1,100.00	37,400.00
2	1	LS	DEMOLITION OF OTHER LIGHTING FIXTURES	3,000.00	3,000.00	24,000.00	24,000.00	9,500.00	9,500.00
3	1	LS	LIGHTING FIXTURE RELAMPING AND CLEANING	1,200.00	1,200.00	12,500.00	12,500.00	2,760.00	2,760.00
4	7	EA	INSTALL LIGHTING FIXTURE, (TYPE F2	600.00	4,200.00	1,100.00	7,700.00	3,115.00	21,805.00
5	2	EA	INSTALL LIGHTING FIXTURE, TYPE F2A	1,100.00	2,200.00	1,200.00	2,400.00	1,768.00	3,536.00
6	1	EA	INSTALL LIGHTING FIXTURE, TYPE M1	900.00	900.00	1,200.00	1,200.00	1,220.00	1,220.00
7	26	EA	INSTALL LIGHTING FIXTURE, TYPE M1A	2,300.00	59,800.00	2,100.00	54,600.00	3,558.00	92,508.00
8	1	EA	INSTALL LIGHTING FIXTURE, TYPE M1B	2,700.00	2,700.00	2,400.00	2,400.00	4,790.00	4,790.00
9	2	EA	INSTALL LIGHTING FIXTURE, TYPE M2, FOUNDATION A	3,300.00	6,600.00	3,200.00	6,400.00	5,021.00	10,042.00
10	1	EA	INSTALL LIGHTING FIXTURE, TYPE M2, FOUNDATION B	3,500.00	3,500.00	4,100.00	4,100.00	4,920.80	4,920.80

CITY OF HAYWARD  
 WPCF OUTDOOR LIGHTING SYSTEM REPLACEMENT PROJECT  
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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
11	2	EA	INSTALL LIGHTING FIXTURE, TYPE M2A	4,600.00	9,200.00	4,300.00	8,600.00	5,871.00	11,742.00
12	2	EA	INSTALL LIGHTING FIXTURE, TYPE M3	8,000.00	16,000.00	9,500.00	19,000.00	6,233.00	12,466.00
13	2	EA	INSTALL LIGHTING FIXTURE, TYPE M4	4,200.00	8,400.00	4,250.00	8,500.00	4,852.00	9,704.00
14	1	EA	INSTALL LIGHTING FIXTURE, TYPE M5	800.00	800.00	1,100.00	1,100.00	1,732.00	1,732.00
15	1	EA	INSTALL PORTABLE WINCH	200.00	200.00	2,500.00	2,500.00	2,800.00	2,800.00
16	1	LS	INSTALL ELECTRICAL DISTRIBUTION EQUIPMENT	5,000.00	5,000.00	8,500.00	8,500.00	4,400.00	4,400.00
17	4,060	LF	INSTALL CONDUITS AND CONDUCTORS	30.00	121,800.00	22.50	91,350.00	53.00	215,180.00
18	1	LS	ADMINISTRATIVE CHANGE ORDER	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
			TOTAL		302,300.00		345,650.00		496,505.80

**DRAFT**

HAYWARD CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

RESOLUTION APPROVING ADDENDA NO. 1 AND  
ADDENDA NO. 2 AND AWARDING CONTRACT  
TO TENNYSON ELECTRIC, INC. FOR THE WATER  
POLLUTION CONTROL FACILITY OUTDOOR LIGHTING  
SYSTEM REPLACEMENT PROJECT, PROJECT NO. 7619

WHEREAS, by resolution on July 25, 2000, the City Council approved the plans and specifications for the Water Pollution Control Facility Outdoor Lighting System Replacement Project, Project No. 7619, and called for bids to be received on August 29, 2000; and

WHEREAS, Addenda No. 1 and No. 2 were issued to make minor revisions to the plans and specifications.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addenda No. 1 and No. 2 are hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED, that Tennyson Electric, Inc. is hereby awarded the contract for the Water Pollution Control Facility Outdoor Lighting System Replacement Project, Project No. 7619, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute an agreement with Tennyson Electric, Inc. for the award of the contract on behalf of the City of Hayward, in an amount not to exceed \$345,650, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward